

L1 ANSWER 64 OF 518 CA COPYRIGHT 2005 ACS on STN
AN 137:358205 CA
ED Entered STN: 05 Dec 2002
TI Method for performing photopolarization of filling adhesive materials
hardening under light
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PA Russia
SO Russ., No pp. given
CODEN: RUXXE7
DT Patent
LA Russian
IC ICM A61N005-067
ICS A61K006-083
CC 63-7 (Pharmaceuticals)
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI RU 2178320	C1	20020120	RU 2001-108438	20010402
PRAI RU 2001-108438		20010402		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES	
RU 2178320	ICM	A61N005-067	
	ICS	A61K006-083	
AB	The method involves use of laser radiation. Low intensity laser radiation of 0.473 μ m wavelength and 15-20 mW is applied for hardening filling adhesive materials in pulsating mode with internal resonance duplication at 50-60 Hz frequency and exposure time equal to 60-120 s by delivering laser radiation by means of a flexible glass fiber light-guide to the root canal orifice. This results in reliable and durable sealing of dentinal tubules and dental root canals.		
ST	dental adhesive photopolarization laser radiation light guide		
IT	Dental materials and appliances (adhesives; photopolarization of filling adhesive materials hardening under laser light)		